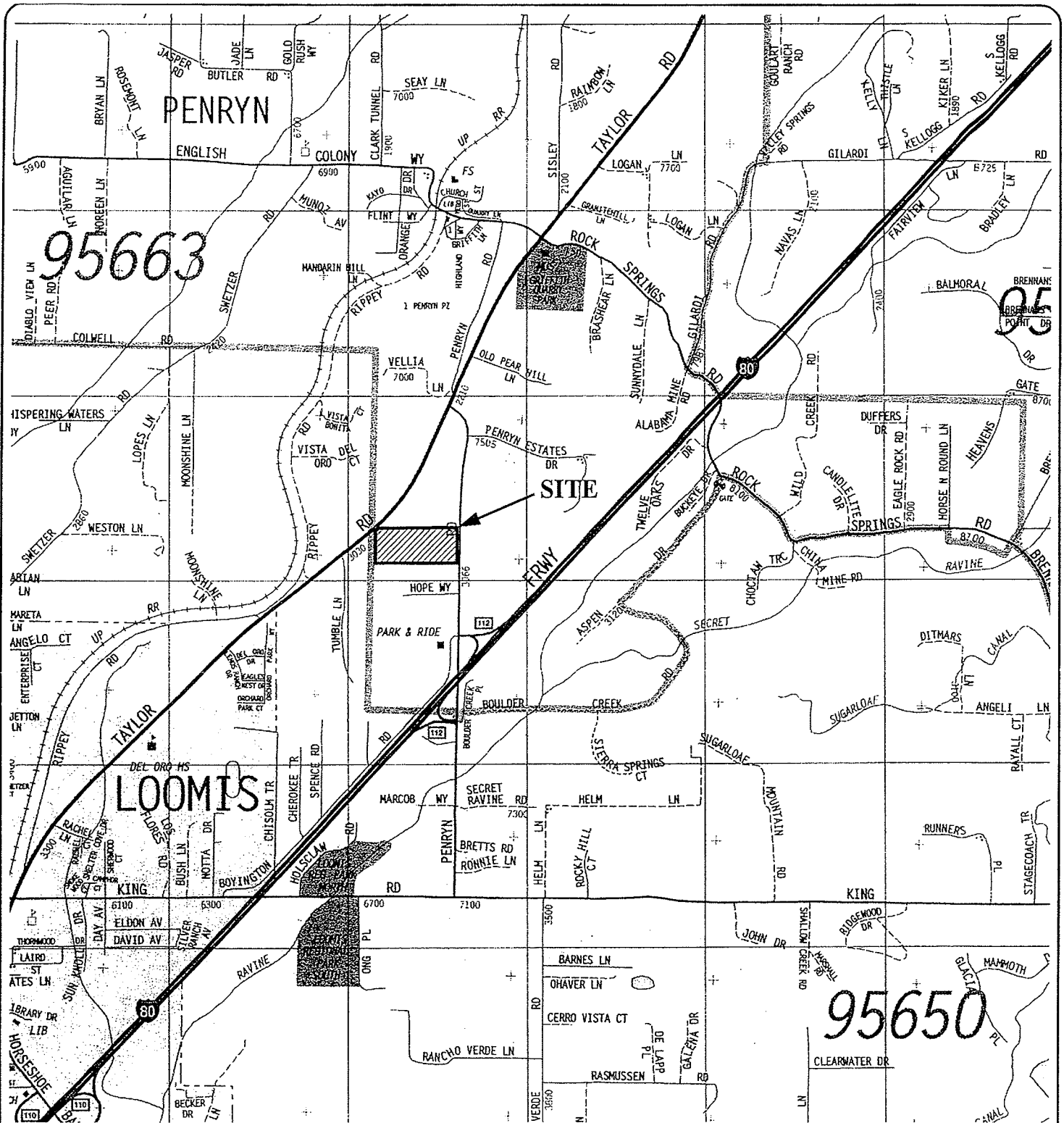


FIGURES



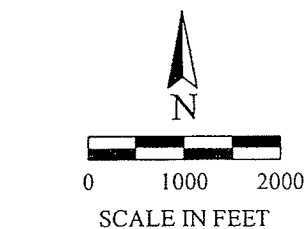


Adapted from the Thomas Guide
Sacramento and Solano Counties
Street Guide and Directory, 2005 edition.



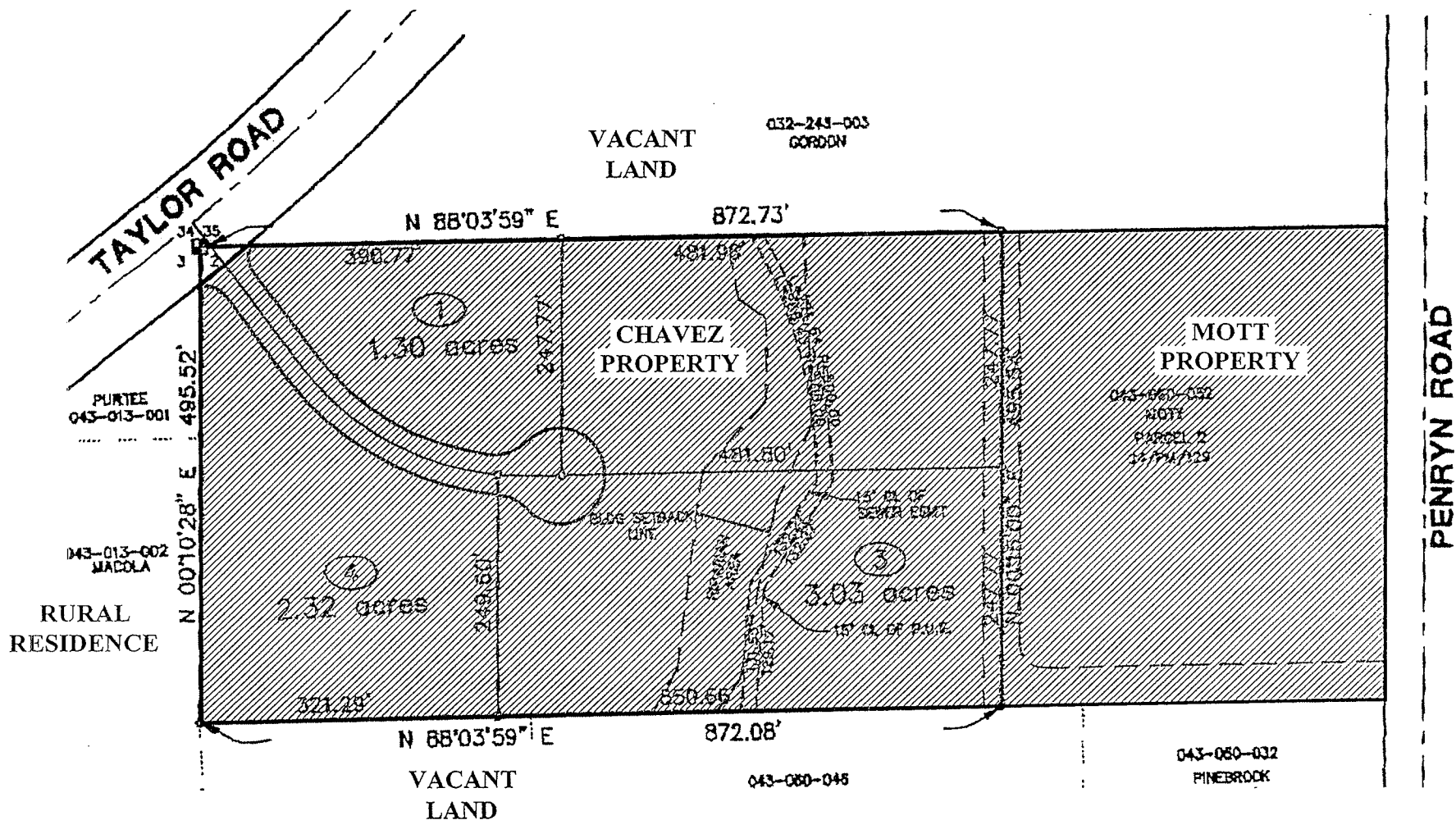
VICINITY MAP
PENRYN PROPERTY
Penryn, California

FIGURE 1	
DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	5/07
WKA NO. 5887.06	



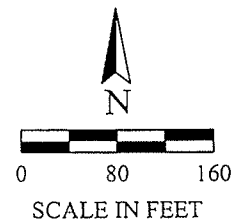
Wallace Kuhl
& ASSOCIATES, INC.

WKA NO. 5887.06



Note:

Adapted from a Tentative Parcel Map prepared by Spannagel and Associates, dated June 2003.



PARCEL MAP/SITE PLAN

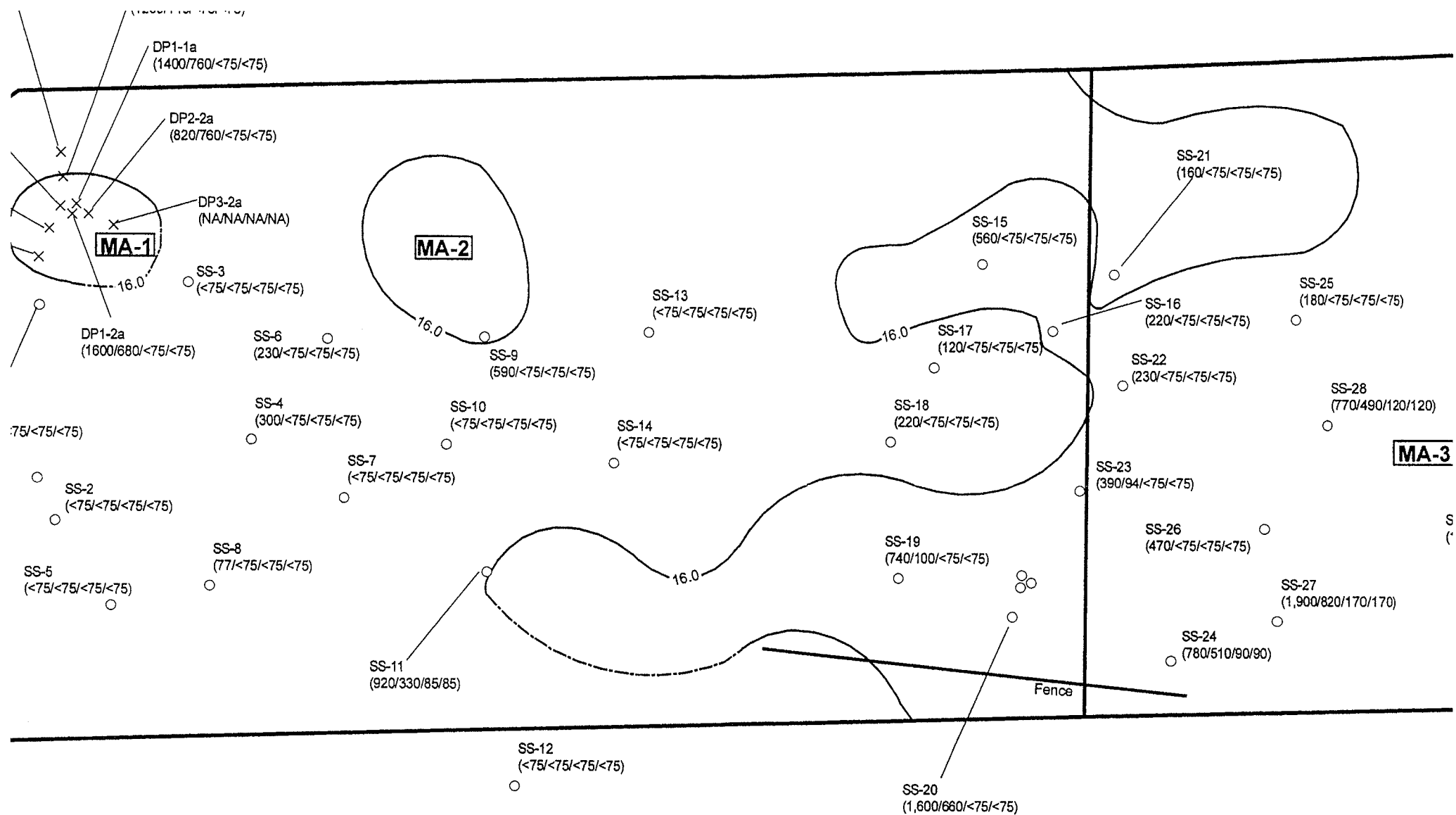
PENRYN PROPERTY

Penryn, California

FIGURE 3

DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	5/07

WKA NO. 5887.06



Legend

- Soil Sample Location
- × Debris Pile Sample Location

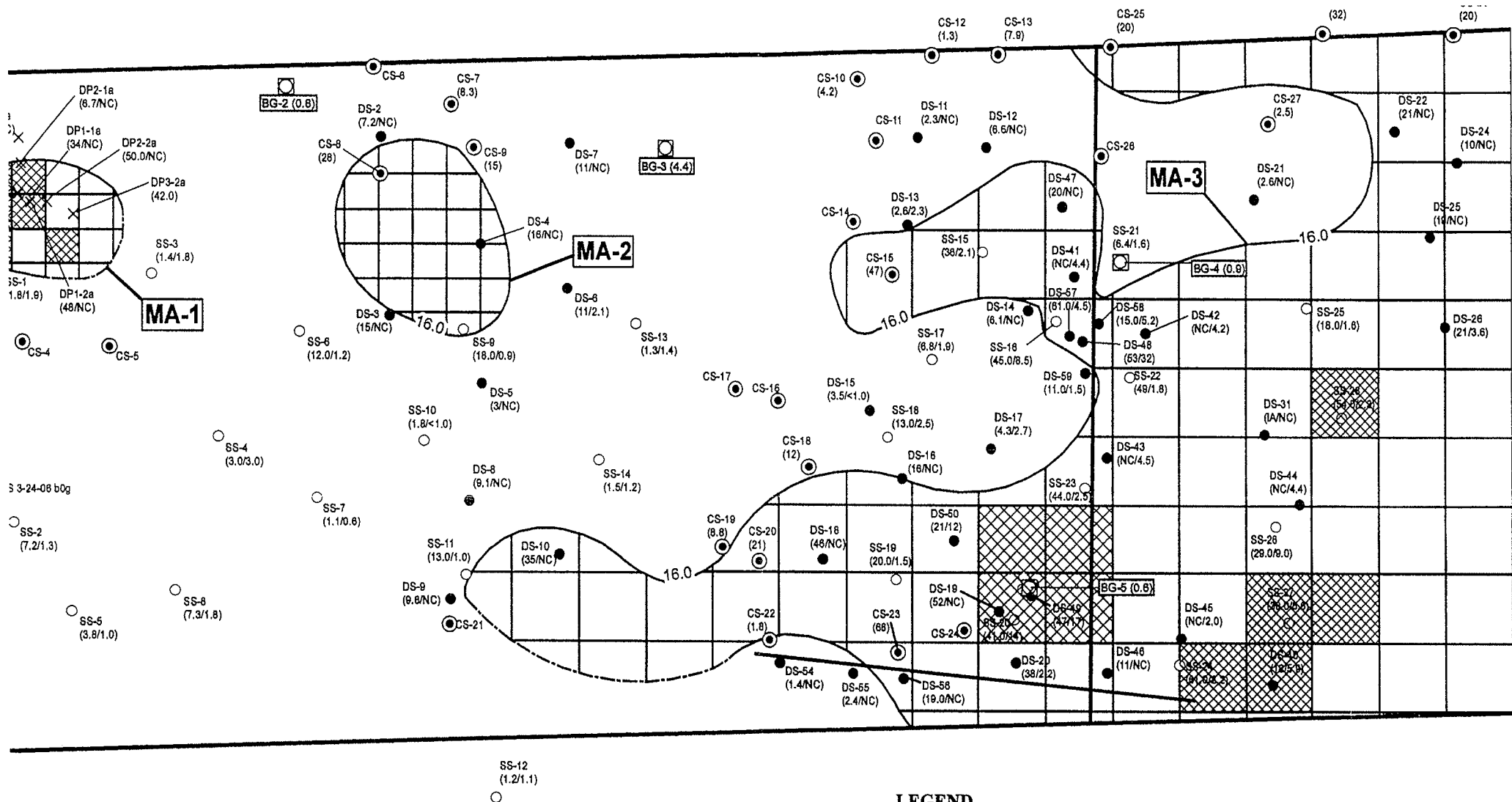
— 16.0 mg/kg Arsenic Isoconcentration Contour

- - - - - Approximate 16.0 mg/kg Arsenic Isoconcentration Contour

— Fence

(920/330/85/<75) DDE/DDT/Endrin/Methoxychlor (

NA - Not Analyzed



LEGEND

- Background sample location
 - Soil sample location
 - ⊕ Water sample location
 - Soil sample location
 - × Debris pile sample location
 - ⊠ Sediment sample location
 - 16.0 mg/kg arsenic isoconcentration contour line
 - Fence
 - - - - - Approximate 16.0 mg/kg arsenic isoconcentration contour line
 - 25' (MA-1 and MA-2) and 50' grid (MA-3) of potential
 - Site boundary
 - ⊠ Proposed organic pesticide and lead sample location
- (1.8/1.9) Previous Arsenic Concentration (0-0.5'/1'-1.5' DS or 0-0.5'/2-2.5' SS depth interval)
- NC Not Collected
NA Not Analyzed

APPENDIX A
DTSC PROJECT APPROVAL LETTER





Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control



Maureen F. Gorsen, Director
8800 Cal Center Drive
Sacramento, California 95826-3200

Arnold Schwarzenegger
Governor

December 26, 2007

Mr. Mike Mahoney
Penryn Development, LLC
3990 Ruffin Road, Suite 100
San Diego, California 92123

RECEIVED			
WALLACE • KUHL & ASSOCIATES INC.			
DEC 27			
ASW	DJK	KKW	TGK
DAR	DRB	KMB	TSW
DCS	DVA	PWL	
DFS	JFB	SLF	
Rla	Stn	W. Sac	

SUPPLEMENTAL SITE INVESTIGATION CONDITIONAL APPROVAL LETTER, PENRYN DEVELOPMENT, PENRYN, CALIFORNIA

Dear Mr. Mahoney:

The California Department of Toxic Substances Control (DTSC) received a draft Supplemental Site Investigation II Report (Report) in October, 2007. The Report was submitted by your consultant, Wallace Kuhl and Associates, Inc. for the 15 acre Penryn Development site located approximately one and one-half miles northeast of the central business district of the incorporated town of Loomis, California. The site previously supported an orchard until the 1970s. The site has remained fallow since the 1970s. The Report documents the sampling activities to characterize the extent of contamination in the soil and surface water. The report included a screening level human health risk assessment and an ecological screening risk assessment. An ecological screening risk assessment was conducted because a wetland is on the property, and the wetlands support a variety of species. The human health risk assessment documented that the contamination on site presents a risk to future residents. The report states that remediation is needed prior to development to protect human exposure. The ecological screening risk assessment documented that the contamination on-site could pose a risk to the white-tailed kite and Cooper hawk. However, the wetlands will be developed for residential land use in the near future. Placer County is drafting an Environmental Assessment Report (EIR) which will evaluate the environmental impacts of the development on the wetlands. Remediation along the wetlands will be coordinated with Placer County's final EIR. DTSC does have a comment on the Report which is discussed below. Once the comment has been addressed, then the Report is approved.

This report and previous site investigation reports found elevated arsenic, DDT, DDD and DDE contamination above background levels or the California Human Health Screening Levels (CHHSLs). CHHSLs are screening levels which are protective for human health exposure. Arsenic, DDT, and DDE concentrations found on the property ranged between 1 to 54 milligrams per kilogram of soil (mg/kg), 1 to 2.7 mg/kg, and 1 to 2.5 mg/kg, respectively. A few background soil samples were collected and analyzed for arsenic, which ranged between 1 to 4 mg/kg. The CHHSLs for DDT, DDD, and DDE are 1.6 mg/kg, 2.3 mg/kg, and 1.6 mg/kg, respectively. Since the contamination on-site exceeded background and/or the CHHSLs, remediation is needed to achieve cleanup for unrestricted land use. As stated in the report and discussed during a phone call with your consultant in November, 2007, the report proposes an

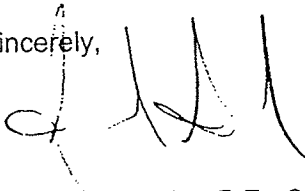
Mr. Mike Mahoney
December 26, 2007

Page 2

arsenic remediation level of 8.0 mg/kg using the 95% upper confidence level of the mean of the soil confirmation sampling data. An arsenic remediation cleanup level of 8.0 mg/kg is above the background level found onsite and is not consistent with DTSC policy regarding arsenic cleanup. Please provide the justification for cleanup of arsenic concentrations above background. Due to the cumulative effects for risk, the DDT, DDD, and DDE remediation levels should be below the CHHSLs. The DDT, DDD, and DDE remediation levels should be based on the total threshold limit concentration (TTL), which is 1.0 mg/kg when added together. Please address this comment in the draft Removal Action Work Plan, which will propose a remediation plan

If you have any questions, please contact Mr. Duane White at (916) 255-3585. DTSC looks forward to reviewing the draft Removal Action Work Plan.

Sincerely,

A handwritten signature in black ink, appearing to read 'F. Amador', with a stylized flourish at the end.

Fernando Amador, P.E., Chief
Sacramento Responsible Party Unit

cc: Mr. Bill Flores
Wallace Kuhl & Associates, Inc
500 Menlo Drive, Suite 100
Rocklin, California 95765

Comments/Response Table for the

Draft Removal Action Workplan

PENRYN PROPERTY

Penryn, California

WKA No. 5887.06

April 2, 2008

Comments by:

Duane White, DTSC Project Manager
Department of Toxic Substances Control

Response to comments by:

Bill Flores
Senior Environmental Geologist
Wallace-Kuhl & Associates

General Comments on the RAW

DTSC Comment #1:

The draft RAW proposes two remediation levels for arsenic – a soil screening level of 16 milligrams of arsenic per kilogram of soil (mg/kg) and an overall post-mitigation site soil arsenic concentration of 8 mg/kg. The term “soil screening level” in the draft RAW should be changed to “ceiling level”. The draft RAW should state that DTSC will review all confirmation sample results prior to excavation activities being completed to ensure no additional soil needs to be transported to a permitted facility.

In the December 26, 2007 DTSC letter, DTSC wanted the draft RAW to provide the justification to selecting an arsenic remediation level above background levels. The RAW proposes an arsenic post mitigation remediation level of 8 mg/kg while background concentrations have ranged between 1 to 4 mg/gk. The RAW justifies an arsenic level above background conditions by calculating the point of inflection between the background data and site data and identifying on page 15 that there will be incomplete pathways since the site will be developed into townhouses / apartment buildings.

WKA Response:

The term “soil screening level” has been changed to “ceiling level” in the Revised Draft RAW. Wording to the effect that, “the DTSC will review all confirmation sample results prior to completion of excavation activities to ensure no additional soil needs to be removed and transported to a permitted facility,” has been inserted into the text of page 3 of the Revised Draft RAW.

DTSC Comment #2:

The RAW should state remediation levels were selected for unrestricted land use.

WKA Response:

The fourth bullet item on Page 2 of the Draft RAW under Section 1.3, Removal Action Objectives (RAOs), states: "Obtaining certification from the DTSC *for unrestricted land use.*"

This statement, italicized in the paragraph below, has been added to the first paragraph, page 3, of the revised RAW as shown here:

The proposed removal action for the site has been selected on the basis of effectiveness, implementability, and cost, in conjunction with the RAOs stated above. Moreover, the selected remedial action developed and adopted for the contaminated media at the site is the most directly responsive to the stated RAOs. *Remediation levels were selected for unrestricted land use.*

DTSC Comment #3:

The RAW did not discuss the potential threat of the contamination impacting the groundwater and / or surface water (wetland). In support of the proposed remedy, the RAW should discuss protection of groundwater. An evaluation following the California Central Valley Water Quality Control Boards (CCVWQCB) designated level methodology (DLM) would need to be completed to show residual soil would not be a threat to the groundwater. This demonstration would need to be supported by di-ionized waste extraction test (di-WET) samples of soil. The CCVWQCB uses the DLM as a screening level. Information on the DLM can be downloaded at: http://www.swrcb.ca.gov/rwqcb5/available_documents/guidance/dlm.pdf#search=%22designated%20level%20methodology%22. The RAW should include the depth to the groundwater table and discuss if any well have been impacted. In support of the proposed remedy, the RAW should discuss the protection of the surface water. The RAW should summarize the sediment and water sample data. The RAW should discuss if the contamination in the surface water traveled off-site or is limited to on-site. Has the contamination impacted any drinking water?

WKA Response:

A discussion of soil and water factors related to potential contaminant risk to those media is incorporated into Sections 4.1 through 4.4 on pages 19 through 27 of the Revised Draft RAW. Other comment elements are addressed in the same sections.

DTSC Comment #4:

The RAW should state that a closure report will be prepared to document all remedial activities have been completed. The report shall include, but not limited to: a description of field activities completed and justification for any deviation from the RAW, a map showing the actual excavated areas, a description of the volume of soil excavated, analytical

laboratory results, field screen and confirmation sample results, air monitoring reading, photographs taken during construction activity, copies of the manifest, and conclusions and recommendations associated with the goals and objectives of the RAW.

WKA Response:

With the exception of the highlighted phrases, which are added to the Revised RAW, Section 12, *Project Schedule and Report of Completion*, on page 53 of the original Draft RAW stated:

A [Removal Action Completion Report] RACR, documenting all activities conducted pursuant to an approved RAW and certifying that all activities have been conducted consistent with this RAW will be prepared. The report shall include, but not be limited to: a description of field activities completed and justification for any deviations from the RAW, a map showing the actual excavated areas, a description of the volumes of soil excavated from each mitigation area, analytical laboratory reports, field screening and confirmation sample results, air monitoring reading, photographs taken during site activities, copies of the manifest, and conclusions and recommendations associated with the goals and objectives of the RAW. DTSC must approve the closure report prior to mailing a site certification letter.

Changes (inserted words) to the text, as written on page 61 of the revised RAW, are highlighted in the above text.

DTSC Comment #5:

The RAW must include the Administrative Record as a separate appendix. DTSC will prepare the Administrative Record. A copy of every major item on the Administrative Record must be placed in the site's repository before the 30-day comment period begins.

WKA Response:

This administrative protocol is acknowledged. Copies of the mentioned items will be made available at a public repository during the 30-day comment period.

DTSC Comment #6:

Prior to approving the RAW for a 30-day public comment period to allow the public to review and document and provide comments, a community profile and other associated public participation activities must be completed. Please contact Mrs. Heidi Nelson at (916) 255-3575 for additional information regarding public participation activities.

WKA Response:

Ms. Nelson has been contacted and (when assigned) will assist with the required public participation activities. At Ms. Nelson's direction, a community profile and other associated public participation activities will be completed prior to the 30-day public comment period..

DTSC Comment #7:

The RAW should contain tabs to easily identify figures, tables, and appendices.

WKA Response:

The original Draft RAW incorporated colored page inserts for this purpose. At the request of DTSC WKA uses tabbed dividers in the Revised Draft RAW.

DTSC Comment #8:

The RAW proposes to excavate to approximately 1.0 to 1.5 feet below the ground surface (bgs) to excavate contaminated soil. Based on the soil sample results in table 3 and table 4, the RAW might consider excavating to 1.5 to 2.0 feet bgs. In some areas to ensure the contaminated soil is removed. Some of the soil samples for arsenic collected at 1.0 to 1.5 feet bgs. were above the proposed ceiling value and would require additional excavation.

WKA Response:

Areas where deeper samples yielded arsenic concentrations above the proposed ceiling value will be deepened slightly (~additional 6- to 12-inches) and selected as confirmation sample points. These areas are shown in revised Figure 4.

Resultant text changes to the RAW are cited below:

1.0) Revised RAW page 36 –

Implementability

This alternative is considered ‘moderate’ to implement. No special equipment is needed for execution of the excavation; the excavation soil depth is estimated to be only 1.0- to 1.5-feet bgs *(and 1.5- to 2.0-feet bgs where necessary as shown on Figure 4)*, which can be accomplished with standard earth-moving equipment. Acceptance by *an appropriate* off-site disposal facility would be required.

2.0) Revised RAW page 36

5.2.3 Selected Remedy

... *The remedy will require excavating the top 1.0- to 1.5-feet of soil (with limited extended excavation depths of 1.5 to 2.0-feet bgs as required) from the identified mitigation areas.*

3.0) Revised RAW page 45

7.2 Description of Selected Remedy

Our selected remedy requires excavating the top 1.0- to 1.5-feet of soil from three mitigation areas *(with limited extended excavation depths to 2.0-feet bgs as required)*. As the impacted material is excavated, it will be stockpiled on plastic within bermed, or otherwise protected, areas adjacent to the excavation areas. Soil will be removed from the site and transported by an approved, properly licensed, trucking contractor to an approved landfill.

4.0) Revised RAW page 50

7.7 Excavation

In accordance with the remedial action selected to clean up the site, approximately 11,600 cubic yards of impacted soil will be scaled to depths ranging from 1.0 to 2.0-feet below ground surface.

5.0) Revised RAW page 53

7.7.5.1 Initial Excavation

The initial excavation will include the three mitigation areas discussed in previous sections. The remedy will require excavating the top 1.0- to 2.0-feet of soil from the identified mitigation areas.

Appendix Revisions include:

Appendix E, Sampling and Analysis Plan

1.0) Revision page 3 under *Project Scope*

The depth of the excavation pit is expected range from 1.0 to 2.0-feet below surrounding grade.

2.0) Revision page under *Backfill Material Soil Sampling*

Because of the shallow depth of the proposed excavation (1.0 - 2.0-feet bgs),

Appendix H, Erosion and Sediment Control Plan

1.0) Revision page 1, second paragraph under Site Inventory and Analysis

Proposed excavation depths will vary from 1.0 to 2.0- feet below ground surface (bgs).

End of General Comments

Specific Comments on the RAW

DTSC Comment #9:

Page 3 states DTSC will issue a no further action determination letter for the site. DTSC will issue a certification letter which states all activities as stated in the RAW have been completed. Please make the appropriate change to the RAW.

WKA Response:

Page 3 of the Revised Raw has been modified (highlighted text shown below) as follows:

Following completion of the removal action and prior to site occupancy, WKA has established a final administrative goal of obtaining a certification letter from the DTSC. By this certification, DTSC will attest that all necessary response actions have been completed in accordance with the approved RAW, and acknowledge that known site conditions do not pose a significant risk to residents.

DTSC Comment #10:

The RAW should include a few sentences in section 3.2: Extent and volume of contamination which discusses the vertical extent of the contamination. Section 3.2 should summarize the soil sample results which are in tables 3 – 5.

WKA Response:

Section 3.2 on pages 18 and 19 of the Revised RAW are revised with the inclusion of the italicized text shown below. Additionally, Figure 4 and Table 9 have been modified accordingly.

Tables 3 through 5 present summaries of detected arsenic concentrations, which are mapped on Figure 4. The lateral distribution of arsenic concentrations on the subject property with respect to a 16.0 mg/kg isoconcentration contour is shown.

Arsenic concentrations detected in soil samples collected from the 0 – 0.5-foot depth interval ranged across the site from below a reporting limit of 1.0 mg/kg, and a minimal detection of 1.1 mg/kg, to a maximum detected concentration of 68 mg/kg. The concentrations of arsenic detected in soil samples collected from the 1.0-1.5-foot depth interval ranged from below a reporting limit of 1.0 mg/kg, and a detected low of 1.5 mg/kg, to a high of 41mg/kg. Arsenic concentrations greater than the cleanup screening level of 16 mg/kg were detected in only three samples including sample DS-49b (17 mg/kg), DS-29b (41 mg/kg), and DS-48b (32 mg/kg). These locations, which are slated for excavation to approximately 2.0-feet bgs, are shown as hatched areas on Figure 4.

DTSC Comment #11:

Page 37 states DTSC will file a Negative Declaration with the Governor's Office of Planning and Research to comply with the California Environmental Quality Act (CEQA). DTSC will consider the appropriate CEQA determination in coordination with Placer County certified the Environmental Impact Report (EIR) for the site's development. The RAW should state that the 30-day comment period for the RAW will not start until Placer County EIR has been certified. Make the necessary corrections in the RAW.

WKA Response:

The referenced ARAR under Title 27, CEQA has been revised to state on page 45:

Title 27: Environmental Protection and California Environmental Quality Act (CEQA)
Elements of this RAW must comply with CEQA.

DTSC will consider the appropriate CEQA determination for this action in coordination with Placer County's certified the Environmental Impact Report (EIR) for the site's development. The 30-day comment period for the RAW will not start until the Placer County EIR has been certified.

DTSC Comment #12:

- 1) Section 6.2 contains an "Applicable or relevant and appropriate requirements" (ARAR) section. The ARAR should consider the following:
- California Hazardous Material Standards, California Code of Regulations (CCR) 8, 14, 22, 23, and 26 provides California criteria for defining hazardous material and provides regulations regarding storage, transport, documentation, treatment, and disposal of hazardous waste
 - RCRA
 - CCR 8 which requires hazard communication, injury, and illness prevention during implementation or removal action, and an excavation permit for certain excavation activities.
 - Air Quality Management District Regulations, which sets rules and establishes standards regarding air emissions and air quality.
 - County or City of Placer which regulate a variety of activities including grading, excavation, and analyzing soil for hazardous waste classification.

WKA Response:

Where appropriate, these ARARs are provided (and supplemented in the Revised RAW) in Section 6.2 of the RAW (pages 40 through 45).

Comments on the Remediation Design and Implementation Plan (RDIP)

DTSC Comment #13:

The RAW should contain a detailed schedule which shows when the excavation activities are expected to start and finish.

WKA Response:

The precise start date of the proposed mitigation activities will likely not be determined until Spring of 2009. This date will depend on completion and approval of the EIR. However, a general schedule of activities is provided in Table S12-1 in Section 12.0 of the RAW.

DTSC Comment #14:

A discussion of the necessary permits (grading, tree removal, air permit, etc) must be included in the report. Copies of the permits should be mailed to DTSC three days prior before implementing the RDIP.

WKA Response:

A Placer County grading permit for site grading operations will need to be obtained prior to site activities. A tree removal permit must also be obtained due to the planned removal of site woodland areas. A general 404 Army Corps of Engineers Wetland Permit will additionally be required since impacts to wetlands are proposed. The site proponent, or entities under contract with the site proponent, will be handling these permits and issues associated with them. No air permit is required for the proposed work.

Additional discussion has been added to Section 7.6.4, Permits and Plans, on page 50 of the Revised RAW.

DTSC Comment #15:

The RDIP should state that at least three real time dust monitors will be used to monitor dust during all excavation activities, including excavation, loading etc. At least one air monitor should be upwind and two down-wind to protect the workers and public.

WKA Response:

Page 55, Section 7.9.1, Air Monitoring, of the Draft RAW states in general terms:

Air monitoring will be performed during all site activities in which contaminated, or potentially contaminated materials are being disturbed or handled.

And on page 55, first bullet, third sentence:

The SSO will monitor on-site meteorological instrumentation and coordinate with off-site meteorological professionals to identify conditions that may require cessation of work (i.e., winds in excess of 25 mph). No specific wind velocity restrictions for soil excavation in the subject area are established, however, a self imposed action level for work stoppage will be set at a sustained wind velocity of 25 mph.

And page 55, second bullet:

Real-time, data-logging aerosol monitors (personal data ram) will be used...

More specific information is contained within the Health & Safety Plan in the Draft RAW (Appendix D, Page 25). The Plan states that:

Air monitoring will be performed during all site activities in which soil potentially containing elevated concentrations of arsenic, or elevated concentrations of particulate dust matter are being disturbed or handled. Real-time particulate monitors equipped with continuous data logging capability as well as instantaneous readings will be utilized during site activities. The monitors will be capable of measuring real-time concentrations and median particle size (PM1.0, PM2.5 and PM10) of airborne dust. In addition, air temperature and humidity will be measured. Three real time dust monitors will be used to monitor dust during excavation and soil load-out activities to protect the workers and the public. Two air monitors will be set-up in the downwind location to monitor potential offsite fugitive dust emissions and one monitor will be set-up in the upwind location. The monitors will be factory calibrated prior to the initial set-up and will be calibrated daily in the field according to the manufacturer guidelines.

DTSC Comment #16:

The RDIP should include a sample strategy plan to collect a representative number of samples following the excavation appropriate for unrestricted land use. A diagram showing where the confirmation samples will be collected should be included in the RAW. The report should discuss if the 95 upper confidence limit of the confirmation samples are above the Remedial Action Objectives (RAOs), then excavation will continue until the RAOs are achieved. Additional confirmation samples will be collected following each subsequent excavation event, and the 95 UCL from the new data set will be compared to the RAOs. DTSC representatives should be present during the collection of post-excavation sampling.

WKA Response:

Section 1.3, Removal Action Objectives, page 2 of the Draft RAW contains the discussion of confirmation sampling/excavation iterations as follows:

Evaluation of chemical concentrations detected in soil confirmation samples, following the removal action, to determine whether RAOs have been achieved, or whether additional cleanup is required.

In Section 7.0, Remedial Design and Implementation Plan, Section 7.2, Description of Selected Remedy, on page 38 (Revised page 46) of the Draft RAW stated:

Figure 6 illustrates the mitigation areas with grids illustrating potential confirmation sample locations. Proposed confirmation sampling methodology is presented in detail in Appendix E, Sampling and Analysis Plan (SAP) of this RAW.

The following text has been added to Section 7.7, Excavation (page 51) of the Revised Draft:

If after the initial, planned excavation is complete, confirmation sample data indicates that the 95% upper confidence limit of the confirmation samples are above the Remedial Action Objectives (RAOs), then excavation will continue until the RAOs are achieved. Additional confirmation samples will be collected following each subsequent excavation event, and the 95 UCL from the new data set will be compared to the RAOs. DTSC representatives should be present during the collection of post-excavation sampling.

Section 9.0, Sampling and Analysis Plan (Confirmation Sampling), on page 51 of the Draft RAW (page 59 of the Revised Draft RAW) states:

Following excavation activities, grab samples will be collected from the excavation floors and sidewalls to verify that the removal action has achieved the RAOs. Typical proposed confirmation sample locations are presented on Figure 6." ...

And,

*" Additional confirmation sampling will be implemented as needed. Analytical results from confirmation samples exceeding remedial action screening objectives may result in **additional excavation** and confirmation sampling.*

DTSC Comment #17:

The RDIP should state that prior to starting excavation activities, the impacted soil will be wetted daily to minimize dust

WKA Response:

Section 7.6.3, Contaminant Control, on page 42 of the Draft RAW (page 50 of the Revised Draft RAW) states:

Sections 7.7 thru 8.0 contain specific information on contaminant control measures that will be employed during the removal action.

Section 7.7, Excavation, states:

Fugitive dust will be controlled during excavation activities by moistening the soil (if necessary) and ceasing operation if excessive dust is observed.

And again in the same section:

Properly trained and equipped hazardous waste qualified workers will conduct all fieldwork. In order to avoid generating dust, excavation areas are to be controlled by soil wetting (if necessary) and air monitoring (at property perimeter and work area).

Comments on the Transportation Plan Appendix G

DTSC Comment #18:

Appendix G should discuss why the routes were chosen and all route maps must clearly identify routine stops (e.g., weight stations). A map and description of any alternative routes should be included in case of an emergency. All routes should avoid, to the extent possible, residential area, peak traffic hours, and potentially hazardous road conditions (e.g., night transportation, inclement weather).

WKA Response:

Page 10 of the Draft Transportation Plan states under the heading of Traffic Control:

Vehicle idling time within the staging area will be kept to a minimum (approximately three minutes) to limit air emissions. Two proposed disposal routes, showing likely routes from the site to one of two likely landfills, are shown in Appendix G-1. *These route selections were chosen to best minimize interference with local traffic and proximity to populated areas and sensitive receptors.*

WKA has updated proposed potential landfill destinations in the Revised Transportation Plan. The revised plan proposes consideration of the Western Placer Waste Management Authority Landfill in Lincoln, CA. With the exception of the most contaminated fraction of the transported material, which can be segregated and transported separately to one of the previously proposed destinations, the Western Regional landfill would be a most appropriate and cost effective alternate disposal location for non-hazardous soil.

Previous consideration of the Forward Landfill in Manteca would have included a weight station in Antelope. There are no weight stations along the current proposed routes.

It states on pages 10 and 11 of the Draft Transportation Plan:

In the event of encountering potentially hazardous road conditions (e.g. – accident sites, inclement weather, nightfall or other cause of restricted visibility) alternate routes may be used, or transport will be delayed. Truck drivers will be in direct radio communication with their dispatchers. In the event of equipment failure or other contingency, the dispatcher will contact the most appropriate source of aid.

DTSC Comment #19:

Appendix G should discuss the procedures for weighing of the loads (if applicable), how and where decontamination will be conducted, how the contaminated soil will be covered, and the method to be utilized to minimize releases of material during loading and prior to covering the trucks.

WKA Response:

On pages 3 and 4 of the Draft RAW Transportation Plan it states:

Trucks will be weighed on-site using either axle scales attached to the vehicles or rollover scales. Once filled, trucks will be covered with a permanent fixed cover, tarpaulin or other means to prevent fugitive dust. Each truck will be visually inspected for proper loading, covering/sealing, decontamination, placarding and manifesting prior to leaving the site.

And page 4

*Bulk solid debris will be removed from each truck by scraping with shovels or other implements prior to leaving the site. Where necessary, trucks will be pressure-washed prior to exiting the site. A truck decontamination area will be prepared **near the site entrance**. Any rinse water produced will be collected and retained in drums or other approved container type(s) for analysis and disposal. (Pressure washing will only be used if other methods are not sufficient, as this method requires containing wash liquids in approved containers for disposal).*

DTSC Comment #20:

Appendix G should describe how the date, time, weight/volume, trucking company, drive, and vehicle used for each trip will be recorded and maintained.

WKA Response:

Under **Record Keeping**, page 11 of Draft Transportation Plan, one stipulation states:

- a bill of lading properly completed and signed by the generator and the transporter (22 CCR Section 66263.20(a)).
 - the bill of lading will identify the date, time, weight/volume, waste/material, transporting company, driver, and vehicle for each trip made;
 - the driver will have a manifest in his or her possession while transporting the hazardous waste (HSC Section 25160(d)(1));

DTSC Comment #21:

Appendix G should discuss the health and safety procedures during loading and how workers will be properly trained in hazardous waste operations in accordance with 29 CFR 1910.120 and CCR Title 8, Section 5192. The health and safety plan must be communicated to the drivers.

WKA Response:

Items mentioned in this comment are included in the current Transportation Plan as presented in the Draft RAW Appendix G, under the Health and Safety Section, pages 12 and 13.

DTSC Comment #22:

The RAW should provide an estimate of time for round trip from the site to the facility and provide analysis of variation in trip time due to rush hour traffic.

WKA Response:

Travel time estimates were provided in the Draft RAW with the proposed disposal route information. We have added text on pages 6 & 7 of the Revised Transportation Plan to address this comment.

DTSC Comment #23:

The plan should describe if there will be any truck staging areas. If so, idling time should be kept at a minimum (e.g., three minutes) to limit air emissions.

WKA Response:

As stated in Appendix G, page 10, under *Traffic Controls*:

Vehicle idling time within the staging areas along Penryn Road and on-site will be kept to a minimum (approximately three minutes) to limit air emissions.

DTSC Comment #24:

All vehicles leaving the site must be decontaminated and properly covered prior to departure. The RAW should discuss how this will be done.

WKA Response:

This process is covered under *Transportation*, page 3 in Appendix G. The text states:

Once filled, trucks will be covered with a permanent fixed cover, tarpaulin or other means to prevent fugitive dust. Each truck will be visually inspected for proper loading, covering/sealing, decontamination, placarding and manifesting prior to leaving the site.

Bulk solid debris will be removed from each truck by scraping with shovels or other implements prior to leaving the site. Where necessary, trucks will be pressure-washed prior to exiting the site. A truck decontamination area will be prepared near the site entrance. Any rinse water produced will be collected and retained in drums or other approved container type(s) for analysis and disposal. (Pressure washing will only be used if other methods are not sufficient, as this method requires containing wash liquids in approved containers for disposal).

APPENDIX B

**CALIFORNIA DEPARTMENT OF
WATER RESOURCES WELL LOGS
&
LABORATORY REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION**



ORIGINAL

STATE OF CALIFORNIA

Do not fill in

File with DWR

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 43321

Notice of Intent No. _____

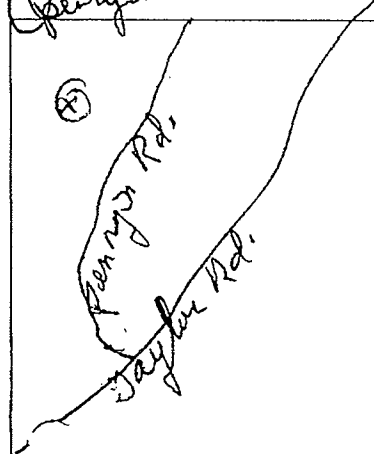
Local Permit No. or Date _____

State Well No. _____
Other Well No. 12N07E35M(1) OWNER: Name Jeri ChapmanAddress 2630 Taylor RdCity Perryman Zip 95663

(2) LOCATION OF WELL (See instructions):

County Placer Owner's Well Number _____

Well address if different from above _____

Township 12N Range 7E Section 35Distance from cities, roads, railroads, fences, etc. 1/2 mile South ofPerrymanPerryman

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

(5) EQUIPMENT:

Rotary ☒Reverse ☐Yes ☐No ☒

Size _____

Cable ☐Air ☒

Diameter of bore _____

Other ☐Bucket ☐

Packed from _____ ft.

(7) CASING INSTALLED:

Steel ☐Plastic ☒Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen _____

From
ft.To
ft.Dia.
in.Cage or
WallFrom
ft.To
ft.Slot
size055851052"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 55 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 0-55 ft.Method of sealing Casing-grout

(10) WATER LEVELS:

Depth of first water, if known 35' ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? _____

Type of test

Pump ☐Bailer ☐Air lift ☒

Depth to water at start of test _____ ft.

At end of test _____ ft.

Discharge _____ gal/min after _____ hours

Water temperature _____

Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____Electric log made? Yes ☐ No ☒ If yes, attach copy to this report(12) WELL LOG: Total depth 105 ft. Depth of completed well 105 ft.

from ft. to ft. Formation (Describe by color, character, size or material)

0 - 75 Decomposed Granite
75 - 105 blue GraniteWork started 8-10 19 77 Completed 8-14 19 77

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED

George W. Patten
(Well Driller)

NAME

5907 SANDERS RD. #52-7200 (Typed or printed)

Address

City

License No.

300630

Date of this report

9-15-77

hence

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 30358

State Well No. _____
Other Well No. 12N07E35P

Notice of Intent No. _____

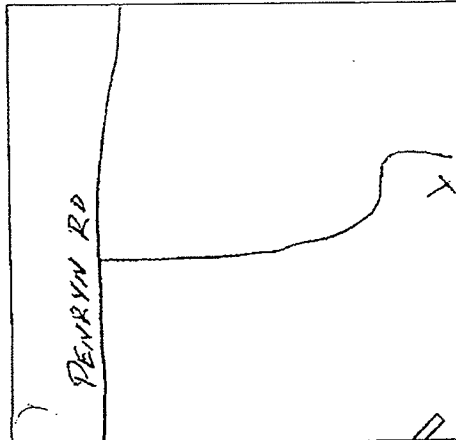
Local Permit No. or Date _____

(1) OWNER: Name Eddie BedrosianAddress 5531 Michael WayCity Sacramento, Ca. Zip _____

(2) LOCATION OF WELL (See instructions):

County Placer Owner's Well Number _____Well address if different from above Penryn RoadTownship 12N Range 7E Section 35

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 140 ft. Depth of completed well 140 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0 - 3 TOP SOIL3 - 58 D.G.58 - 73 BLACK & WHITE GRANITE73 - 74 FINE74 - 130 BLACK & WHITE GRANITE130 - 140 FINE140 - 140 BLACK & WHITE GRANITE

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

(5) EQUIPMENT:

Rotary ☒ Reverse ☐Cable ☐ Air ☐Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☒ Size _____

Diameter of bore _____

Packed from _____

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐(8) PERFORATIONS: SAVED

Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Size
<u>0</u>	<u>63</u>	<u>3/8</u>	<u>3/8</u>	<u>23</u>	<u>63</u>	<u>3/8</u>

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☐ No ☒ If yes, to depth 23 ft.Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.Method of sealing CEMENT

(10) WATER LEVELS:

Depth of first water, if known 40 ft.Standing level after well completion 15 ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? DRILLERType of test Pump ☐ Bailer ☐ Air lift ☒

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge 30 gal/min after _____ hours Water temperature _____Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____electric log made? Yes ☐ No ☒ If yes, attach copy to this reportWork started 7-30 19 72 Completed 3-30 19 72

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gary C. Tanko

(Well Driller)

NAME Gary C. Tanko Well Drilling, Inc.

(Person, firm, or corporation) (Typed or printed)

Address 2630 Grass Valley HwyCity Auburn, Ca. Zip _____License No. 282051 Date of this report 4-3 19 77

ORIGINAL
File with DWR

CONFIDENTIAL LOG
Water Code Sec. 13752

STATE OF CALIFORNIA
THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do Not Fill In

No 118380

State Well No. _____
Other Well No. 12N07E35P

(1) OWNER:

Name Ivan Kercall
Address 2887 pennyn Rd. pennyn Ca

(2) LOCATION OF WELL:

County Placer Owner's number, if any _____
Township, Range, and Section 12N - 7E - 3S
Distance from cities, roads, railroads, etc. 3 mi. N.E. of Looking on pennyn Rd. near Ground cover Rest-

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Destroying ☐
If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
Cable ☐
Other ☐

(6) CASING INSTALLED:

STEEL: ☐ OTHER ☒ Plastic
SINGLE ☐ DOUBLE ☐

If gravel packed

From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	64	6"				

Size of shoe or well ring:

Size of gravel:

Describe joint

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes ☒ No ☐ To what depth 64 ft.

Were any strata sealed against pollution? Yes ☒ No ☐ If yes, note depth of strata

From 0 ft. to 64 ft.

From 1 ft. to 1 ft.

Method of sealing Grouting

(9) WATER LEVELS:

Depth at which water was first found, if known 60 ft.

Standing level before perforating, if known _____ ft.

Standing level after perforating and developing _____ ft.

(10) WELL TESTS:

Was pump test made? Yes ☒ No ☐ If yes, by whom?

Old: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Temperature of water _____ Was a chemical analysis made? Yes ☐ No ☒

Was electric log made of well? Yes ☐ No ☒ If yes, attach copy

(11) WELL LOG:

Total depth 100 ft. Depth of completed well 100 ft.

Formation: Describe by color, character, size of material, and structure

0 ft. to 64 ft. Decomposed granite
64 Blue Granite 100

Work started 11-10 1974 . Completed 11-11 1974

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME PATTEN WELL DRILLING (Typed or printed)

Address 5907 SAUNDERS - 652-7260

LOOMIS, CALIFORNIA 95650

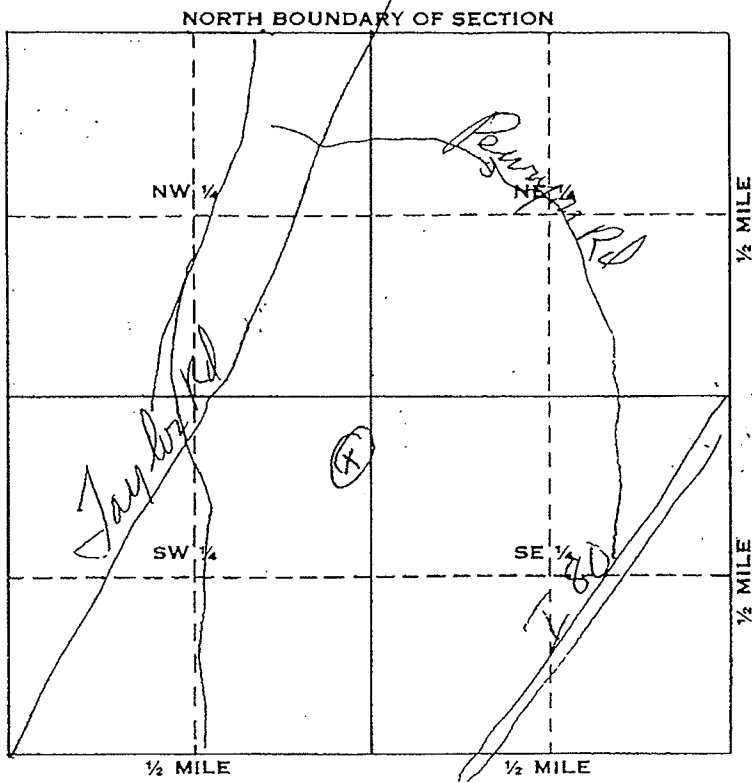
[SIGNED] Serge W. Patten (Well Driller)

License No. 285960 Dated 11-25, 1974

SKETCH LOCATION OF WELL ON REVERSE SIDE

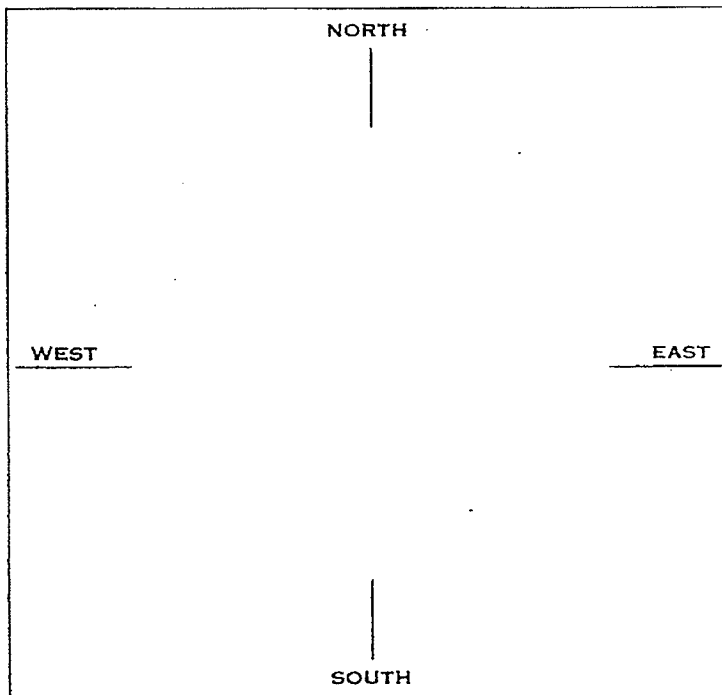
WELL LOCATION SKETCH

NO. 110380



Township 12 N/S
Range 7 E/W
Section No. 35

A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features as necessary.



B. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other features as necessary.
Indicate distances.

NO. 110380

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 30325

Notice of Intent No. _____

Local Permit No. or Date _____

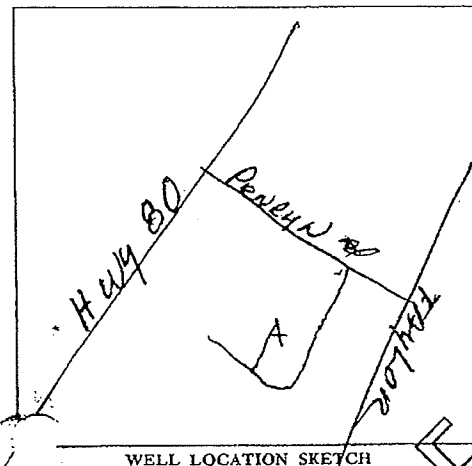
State Well No. _____

Other Well No. 12N/7E-35

(1) OWNER: Name Steve Peterson
 Address 8200 Sierra College Blvd
 City Roseville, 95678 Zip _____
 (2) LOCATION OF WELL (See instructions):
 County Placer Owner's Well Number _____
 Well address if different from above Penryn Hills Estates Parcel D
 Township 12N Range 7E Section 35
 Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 110 ft. Depth of completed well 110 ft.
 from ft. to ft. Formation (Describe by color, character, size or material)

0 - 7 TOPSOIL
1 - 35 D.G.
35 - 110 BEAK & WHITE GR.



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐
 Reconstruction ☐
 Reconditioning ☐
 Horizontal Well ☐

Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒
 Irrigation ☐
 Industrial ☐
 Test Well ☐
 Stock ☐
 Municipal ☐
 Other ☐

(5) EQUIPMENT:

Rotary ☒ Reverse ☐ Yes ☐ No ☒ Size _____
 Cable ☐ Air ☒ Diameter of bore _____
 Other ☐ Bucket ☐ Packed from _____ ft.

(6) GRAVEL PACK:

Yes ☐ No ☒ Size _____
 Diameter of bore _____
 Packed from _____ ft.

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐
 Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	42	3 1/4		25	45	3"

(8) PERFORATIONS:

Type of perforation or size of screen _____

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 25 ft.
 Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.
 Method of sealing _____

(10) WATER LEVELS:

Depth of first water, if known 35 ft.
 Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? H.C. (30) Bailer
 Type of test Pump ☐ Bailer ☐ Air lift ☒
 Depth to water at start of test _____ ft. At end of test _____ ft.
 Discharge 12 gal/min after _____ hours Water temperature _____
 Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____
 Was electric log made? Yes ☐ No ☐ If yes, attach copy to this report

Work started 3-10 1977 Completed 3-10 1977

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gary C. Tanko (Well Driller)

NAME Gary C. Tanko Well Drilling, Inc.
 (Person, firm, or corporation) (Typed or printed)

Address 2630 Grass Valley Hwy

City Auburn, Ca. Zip _____

License No. 282051 Date of this report APR 5 1977

ORIGINAL

File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCYDEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 41033

Notice of Intent No. _____

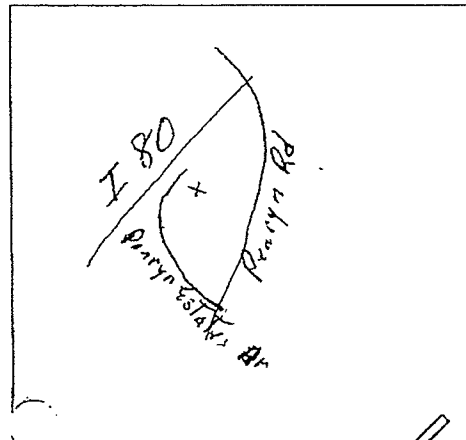
Local Permit No. or Date _____

State Well No. _____
Other Well No. 12U/7E35(1) OWNER: Name Al Libby and Ralph HallAddress 4054 Knoll Tap CourtCity Carmichael, Ca. Zip _____

(2) LOCATION OF WELL (See instructions):

County Placer Owner's Well Number _____Well address if different from above 180 end of road Penryn Estates Dr.Township 11N Range 12E Section 35

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 150 ft. Depth of completed well 150 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0 - 3 Top Soil3 - 40 DG43 - 50 Black & White Granite50 - 150 Black & White Granite

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

(5) EQUIPMENT:

Rotary ☒Reverse ☐Yes ☐No ☒

Size

Cable ☐Air ☒

Diameter of bore

Other ☐Bucket ☐

Roped from

(7) CASING INSTALLED:

Steel ☐Plastic ☒Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	0.5	6.75	6.75	35	55	3/8"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 20 ft.Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.

Method of sealing _____

(10) WATER LEVELS:

Depth of first water, if known 30 ft.Standing level after well completion 30 ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? #7 D. 1/16Type of test Pump ☐ Bailor ☐ Air lift ☐

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge 5 gal/min after _____ hours Water temperature _____Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____electric log made? Yes ☐ No ☐ If yes, attach copy to this reportWork started 9-19-77 Completed 9-19-77

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gary C. Tanko
(Well Driller)NAME Gary C. Tanko Well Drilling, Inc.
(Person, firm, or corporation) (Typed or printed)Address 2630 Grass Valley HwyCity Auburn, Ca.License No. 282051 Date of this report SEP 30 1977

ORIGINAL

File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 087097

of Intent No. _____

Local Permit No. or Date _____

State Well No. _____

Other Well No. 12N/7E-35(1) OWNER: Name Jim IngramAddress 8048 SunriseCity Citrus Heights, Ca. 95610 Zip _____

(2) LOCATION OF WELL (See instructions):

County Placer Owner's Well Number _____Well address if different from above Penryn Estates Lot ATownship 12N Range 7E Section 35

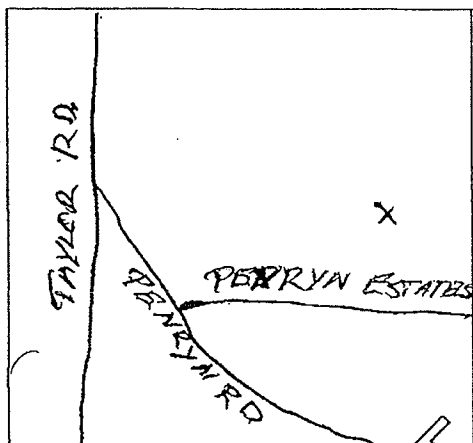
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 125 ft. Depth of completed well 125 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0-2 TOP SOIL2-50 D.G. 20 GPM50-110 GRANITE110-111 FILL 30 GPM111-125 GRANITE

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☒ Reverse ☐Cable ☐ Air ☒Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☒ Size _____

Diameter of bore _____

Packed from _____ to _____

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐(8) PERFORATIONS: SAWED

Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	58	3 3/4	3/8	20	58	

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 20 ft.Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.Method of sealing CEMENT

(10) WATER LEVELS:

Depth of first water, if known 150 ft.Standing level after well completion 20 ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? DRILLERType of test Pump ☐ Bailer ☐ Air lift ☒

Depth to water at start of test _____ ft. At end of test _____ ft.

Flow rate 30 gal/min after _____ hours Water temperature _____Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____Was electric log made? Yes ☐ No ☒ If yes, attach copy to this reportWork started 8-15 19 79 Completed 8-16 19 79

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gary C. Tanko (Well Driller)NAME Gary C. Tanko Well Drilling, Inc.

(Person, firm, or corporation) (Typed or printed)

Address 2630 Grass Valley HwyCity Auburn, Ca. 95603 Zip _____License No. 282051 Date of this report OCT 2 19 79

DWR 188 (REV. 7-78)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

GARY C. TANKO WELL DRILLING INC.
12150 LUTHER RD.
AUBURN, CALIFORNIA 95603
(916) 823-8234

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 108401

State Well No.

Other Well No. 12N/2E-35

Permit of Intent No.

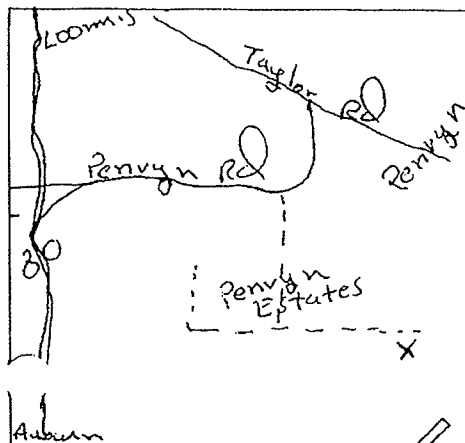
Local Permit No. or Date

(1) OWNER: Name Jay Merlo
 Address 5956 Garfield
 City Sacramento, Ca. Zip _____

(2) LOCATION OF WELL (See instructions):
 County Placer Owner's Well Number _____
 Well address if different from above Penryn Estates
 Township 12N Range 7E Section 35
 Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 125 ft. Depth of completed well 125 ft.
 from ft. to ft. Formation (Describe by color, character, size or material)

0-2 Topsoil
2-15 Decomposed granite
15-55 Black & white granite & some
06 green 045' 15gpm
55-125 Black & white granite
65' 20gpm



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☐ Deepening ☐
 Reconstruction ☐
 Reconditioning ☐
 Horizontal Well ☐

Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐
 Irrigation ☐
 Industrial ☐
 Test Well ☐
 Stock ☐
 Municipal ☐
 Other ☐

(5) EQUIPMENT:

Rotary ☒ Reverse ☐
 Cable ☐ Air ☐
 Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☐ Size _____
 Diameter of bore 10 1/2"
 Packed from _____ to _____

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	50	4 1/2	5/16	30	50	1/8
5	125	5	5/16	6.5	125	1/8

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 20 ft.
 Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.
 Method of sealing Cement

(10) WATER LEVELS:

Depth of first water, if known 4.5 ft.
 Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? Driller #5
 Type of test Pump ☐ Bailer ☐ Air lift ☒
 Depth to water at start of test _____ ft. At end of test _____ ft.
 Charge 20 gal/min after _____ hours Water temperature _____
 Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____
 Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work started 11/8 1977 Completed 11/9 1977

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED

Gary C. Tanko (Well Driller)
 NAME Gary C. Tanko Well Drilling, Inc.

(Person, firm, or corporation) (Typed or printed)
 Address 2630 Grass Valley Hwy

City Auburn, Ca.

License No. 282051

Date of this report DEC 1 1977

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 30325

Notice of Intent No. _____

Local Permit No. or Date _____

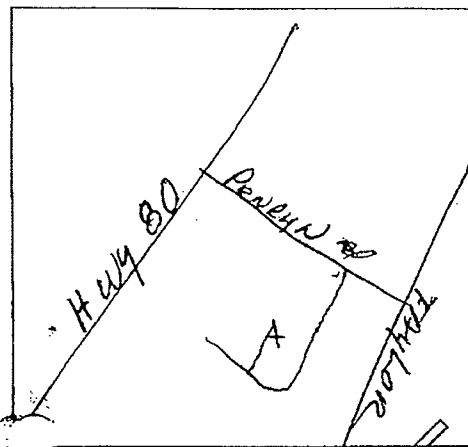
State Well No. _____

Other Well No. 12N/7E-35(1) OWNER: Name Steve PetersonAddress 8200 Sierra College BlvdCity Roseville, 95678 Zip _____

(2) LOCATION OF WELL (See instructions):

County Placer Owner's Well Number _____Well address if different from above Penryn Hills Estates Parcel DTownship 12N Range 7E Section 35

Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 110 ft. Depth of completed well 110 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0 - 7 TOP Soil
1 - 35 D.G.
35 - 110 BRK + WHITE Gr.

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒Irrigation ☐Industrial ☐Test Well ☐Stock ☐Municipal ☐Other ☐

(5) EQUIPMENT:

Rotary ☒ Reverse ☐ Yes ☐ No ☒ Size _____Cable ☐ Air ☐ Diameter of bore _____Other ☐ Bucket ☐ Packed from _____ ft.

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	25	5 1/4		25	45	3"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 25 ft.Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.

Method of sealing _____

(10) WATER LEVELS:

Depth of first water, if known 35 ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? HC (20) DrillerType of test Pump ☐ Bailer ☐ Air lift ☒

Depth to water at start of test _____ ft. At end of test _____ ft.

Discharge 12 gal/min after _____ hours Water temperature _____Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____Electric log made? Yes ☐ No ☐ If yes, attach copy to this reportWork started 2-10 1977 Completed 3-10 1977

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gary C. Tanko

(Well Driller)

NAME Gary C. Tanko Well Drilling, Inc.

(Person, firm, or corporation) (Typed or printed)

Address 2630 Grass Valley HwyCity Auburn, Ca.

Zip _____

License No. 282051Date of this report APR 5 1977

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 108401

Permit of Intent No. _____

Local Permit No. or Date _____

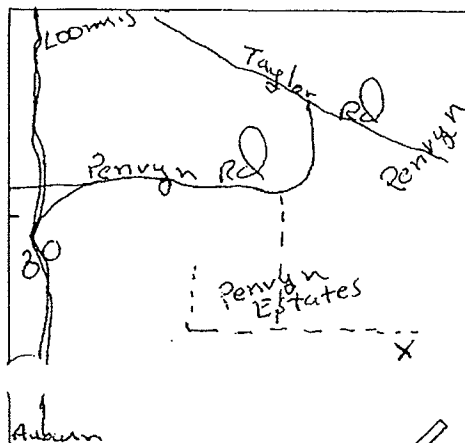
State Well No. _____

Other Well No. 12N/7E-35

(1) OWNER: Name Jay Merlo
 Address 5956 Garfield
 City Sacramento, Ca. Zip _____
 (2) LOCATION OF WELL (See instructions):
 County Placer Owner's Well Number _____
 Well address if different from above Penryn Estates
 Township 12N Range 7E Section 35
 Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 125 ft. Depth of completed well 125 ft.
 from ft. to ft. Formation (Describe by color, character, size or material)

0-2 Topsoil
2-15 Decomposed granite
15-55 Black & white granite & some
06 green 045' 15g per
55-125 Black & white granite
65' 20g per



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☐ Deepening ☐
 Reconstruction ☐
 Reconditioning ☐
 Horizontal Well ☐

Destruction ☐ (Describe
 destruction materials and
 procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐
 Irrigation ☐
 Industrial ☐
 Test Well ☐
 Stock ☐
 Municipal ☐
 Other ☐

(5) EQUIPMENT:

Rotary ☒ Reverse ☐
 Cable ☐ Air ☐
 Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☐ Size _____
 Diameter of bore 120
 Packed from _____ to _____

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	50	4 1/2	5/16	30	50	1/8
5	125	5	5/16	6.5	125	1/8

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 20 ft.

Were strata sealed against pollution? Yes ☐ No ☐ Interval _____ ft.

Method of sealing Cement

(10) WATER LEVELS:

Depth of first water, if known 45 ft.

Standing level after well completion _____ ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? Driller

Type of test Pump ☐ Bailer ☐ Air lift ☒

Depth to water at start of test _____ ft. At end of test _____ ft.

Charge 20 gal/min after _____ hours Water temperature _____

Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____

Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work started 11/8 1977 Completed 11/9 1977

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Gary C. Panko (Well Driller)

NAME Gary C. Panko Well Drilling, Inc.

(Person, firm, or corporation) (Typed or printed)

Address 2630 Grass Valley Hwy

City Auburn, Ca. Zip _____

License No. 282051 Date of this report DEC 1 1977

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

March 19, 2008

CLS Work Order #: CRC0355
COC #: 72444

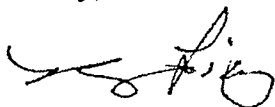
Bill Flores
Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project Name: Penryn Property

Enclosed are the results of analyses for samples received by the laboratory on 03/11/08 13:08. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

Page 1 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

CHANGE OF STATUS

CRC0355

C.L.S. Lab Job No.: CRB0962

Project Name: Penryn

Date Sample(s) Were Received: 2/28 Original Date Due: _____

_____ of _____ called
(Client Contacted) (Company)
on 3/11/08 at 1030
(Date) (Time)

... and requested the following

Please run 02 DL-2

For ~~STC~~ DI WET for As

Please run 03 DL-3

For DI WET As + DDE XGRIA
TTC As + DDE/DDE XGRIA

Turnaround time requested for additional work: 4

Ray Kishinski 3/11/08
(Signature) (Date)

Updated lab job database and file folder by: _____

cc: _____

H:\Alyssa\mva\preschangeofstat.DOC

CALIFORNIA LABORATORY SERVICES

Page 2 of 12

03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

DI STLC (DI WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-2 (CRC0355-02) Soil Sampled: 02/27/08 09:51 Received: 03/11/08 13:08									
Arsenic	20	5.0	µg/L	1	CR02148	03/14/08	03/14/08	EPA 200.8	
DL-3 (CRC0355-03) Soil Sampled: 02/27/08 10:03 Received: 03/11/08 13:08									
Arsenic	34	5.0	µg/L	1	CR02148	03/14/08	03/14/08	EPA 200.8	

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

DI STLC (DI-WET) Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-3 (CRC0355-03) Soil Sampled: 02/27/08 10:03 Received: 03/11/08 13:08									HT-3
4,4'-DDD	ND	1.0	µg/L	1	CR02201	03/17/08	03/18/08	EPA 8081A	
4,4'-DDE	ND	1.0	"	"	"	"	"	"	
4,4'-DDT	ND	1.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		52.5 %	46-139		"	"	"	"	
Surrogate: Decachlorobiphenyl		62.9 %	52-141		"	"	"	"	

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-3 (CRC0355-03) Soil Sampled: 02/27/08 10:03 Received: 03/11/08 13:08									
Arsenic	51	4.0	mg/kg	16	CR02070	03/12/08	03/12/08	EPA 7060A	

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CALIFORNIA LABORATORY SERVICES

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DL-3 (CRC0355-03) Soil Sampled: 02/27/08 10:03 Received: 03/11/08 13:08									
Aldrin	ND	5.0	µg/kg	5	CR02031	03/11/08	03/12/08	EPA 8081A	
alpha-BHC	ND	10	"	"	"	"	"	"	
beta-BHC	ND	50	"	"	"	"	"	"	
delta-BHC	ND	50	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	50	"	"	"	"	"	"	
Chlordane-technical	ND	100	"	"	"	"	"	"	
4,4'-DDD	ND	75	"	"	"	"	"	"	
4,4'-DDE	160	75	"	"	"	"	"	"	
4,4'-DDT	110	75	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	75	"	"	"	"	"	"	
Endosulfan II	ND	75	"	"	"	"	"	"	
Endosulfan sulfate	ND	75	"	"	"	"	"	"	
Endrin	ND	75	"	"	"	"	"	"	
Endrin aldehyde	ND	75	"	"	"	"	"	"	
Heptachlor	ND	25	"	"	"	"	"	"	
Heptachlor epoxide	ND	10	"	"	"	"	"	"	
Methoxychlor	ND	75	"	"	"	"	"	"	
Mirex	ND	50	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		98.3 %	46-139		"	"	"	"	
Surrogate: Decachlorobiphenyl		94.5 %	52-141		"	"	"	"	

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CALIFORNIA LABORATORY SERVICES

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03/19/08 17:40

Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

DI STLC (DI WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch CR02148 - Title 22-STLC

Blank (CR02148-BLK1)

Prepared & Analyzed: 03/14/08

Arsenic	ND	5.0	µg/L
---------	----	-----	------

LCS (CR02148-BS1)

Prepared & Analyzed: 03/14/08

Arsenic	104	5.0	µg/L	100	104	80-120
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LCS Dup (CR02148-BSD1)

Prepared & Analyzed: 03/14/08

Arsenic	106	5.0	µg/L	100	106	80-120	1.16	20
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Matrix Spike (CR02148-MS1)

Source: CRC0352-01

Prepared & Analyzed: 03/14/08

Arsenic	2320	500	µg/L	1000	838	149	75-125		QM-7
---------	------	-----	------	------	-----	-----	--------	--	------

Matrix Spike Dup (CR02148-MSD1)

Source: CRC0352-01

Prepared & Analyzed: 03/14/08

Arsenic	2270	500	µg/L	1000	838	144	75-125	2.17	25	QM-7
---------	------	-----	------	------	-----	-----	--------	------	----	------

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

DI STLC (DI-WET) Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch CR02201 - EPA 3510B GCNV

Blank (CR02201-BLK1)

Prepared: 03/17/08 Analyzed: 03/18/08

4,4'-DDD	ND	1.0	µg/L							
4,4'-DDE	ND	1.0	"							
4,4'-DDT	ND	1.0	"							
Surrogate: Tetrachloro-meta-xylene	1.28		"	2.50		51.2	46-139			
Surrogate: Decachlorobiphenyl	1.67		"	2.50		67.0	52-141			

LCS (CR02201-BS1)

Prepared: 03/17/08 Analyzed: 03/18/08

Aldrin	3.48	0.50	µg/L	5.00		69.6	47-132			
gamma-BHC (Lindane)	3.28	0.50	"	5.00		65.6	56-133			
4,4'-DDT	3.50	1.0	"	5.00		70.0	46-137			
Dieldrin	3.70	1.0	"	5.00		74.0	44-143			
Endrin	4.02	1.0	"	5.00		80.4	30-147			
Heptachlor	3.18	0.50	"	5.00		63.7	33-148			
Surrogate: Tetrachloro-meta-xylene	1.45		"	2.50		57.9	46-139			
Surrogate: Decachlorobiphenyl	1.64		"	2.50		65.7	52-141			

LCS Dup (CR02201-BSD1)

Prepared: 03/17/08 Analyzed: 03/18/08

Aldrin	4.07	0.50	µg/L	5.00		81.3	47-132	15.5	30	
gamma-BHC (Lindane)	3.97	0.50	"	5.00		79.5	56-133	19.1	30	
4,4'-DDT	3.86	1.0	"	5.00		77.1	46-137	9.71	30	
Dieldrin	4.13	1.0	"	5.00		82.7	44-143	11.1	30	
Endrin	4.49	1.0	"	5.00		89.7	30-147	11.0	30	
Heptachlor	3.95	0.50	"	5.00		79.0	33-148	21.5	30	
Surrogate: Tetrachloro-meta-xylene	1.80		"	2.50		71.9	46-139			
Surrogate: Decachlorobiphenyl	1.76		"	2.50		70.2	52-141			

Matrix Spike (CR02201-MS1)

Source: CRC0355-03

Prepared: 03/17/08 Analyzed: 03/18/08

Aldrin	3.81	0.50	µg/L	5.00	0.00	76.2	47-138			
gamma-BHC (Lindane)	3.66	0.50	"	5.00	0.00	73.2	38-144			
4,4'-DDT	3.94	1.0	"	5.00	0.00	78.7	41-157			
Dieldrin	3.98	1.0	"	5.00	0.00	79.6	46-155			
Endrin	4.40	1.0	"	5.00	0.00	88.0	34-149			

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CALIFORNIA LABORATORY SERVICES

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

DI STLC (DI-WET) Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch CR02201 - EPA 3510B GCNV

Matrix Spike (CR02201-MS1)		Source: CRC0355-03		Prepared: 03/17/08		Analyzed: 03/18/08				
Heptachlor	3.53	0.50	µg/L	5.00	0.00	70.6	36-155			
Surrogate: Tetrachloro-meta-xylene	1.66		"	2.50		66.5	46-139			
Surrogate: Decachlorobiphenyl	1.62		"	2.50		64.8	52-141			
Matrix Spike Dup (CR02201-MSD1)		Source: CRC0355-03		Prepared: 03/17/08		Analyzed: 03/18/08				
Aldrin	3.55	0.50	µg/L	5.00	0.00	71.1	47-138	7.04	35	
gamma-BHC (Lindane)	3.38	0.50	"	5.00	0.00	67.6	38-144	7.99	35	
4,4'-DDT	3.75	1.0	"	5.00	0.00	75.0	41-157	4.89	35	
Dieldrin	3.91	1.0	"	5.00	0.00	78.3	46-155	1.68	35	
Endrin	4.33	1.0	"	5.00	0.00	86.7	34-149	1.56	35	
Heptachlor	3.45	0.50	"	5.00	0.00	69.1	36-155	2.13	35	
Surrogate: Tetrachloro-meta-xylene	1.29		"	2.50		51.6	46-139			
Surrogate: Decachlorobiphenyl	1.56		"	2.50		62.3	52-141			

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CR02070 - EPA 3050B

Blank (CR02070-BLK1)

Prepared & Analyzed: 03/12/08

Arsenic ND 0.25 mg/kg

LCS (CR02070-BS1)

Prepared & Analyzed: 03/12/08

Arsenic 4.66 1.0 mg/kg 5.00 93.3 75-125

LCS Dup (CR02070-BSD1)

Prepared & Analyzed: 03/12/08

Arsenic 4.76 1.0 mg/kg 5.00 95.1 75-125 1.95 25

Matrix Spike (CR02070-MS1)

Source: CRC0373-10

Prepared & Analyzed: 03/12/08

Arsenic 7.90 1.0 mg/kg 5.00 3.30 91.9 75-125

Matrix Spike Dup (CR02070-MSD1)

Source: CRC0373-10

Prepared & Analyzed: 03/12/08

Arsenic 8.00 1.0 mg/kg 5.00 3.30 94.0 75-125 1.31 30

CALIFORNIA LABORATORY SERVICES

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch CR02031 - LUFT-DHS GCNV

Blank (CR02031-BLK1)

Prepared: 03/11/08 Analyzed: 03/12/08

Aldrin	ND	1.0	µg/kg
alpha-BHC	ND	2.0	"
beta-BHC	ND	10	"
delta-BHC	ND	10	"
gamma-BHC (Lindane)	ND	10	"
Chlordane-technical	ND	20	"
4,4'-DDD	ND	15	"
4,4'-DDE	ND	15	"
4,4'-DDT	ND	15	"
Dieldrin	ND	1.0	"
Endosulfan I	ND	15	"
Endosulfan II	ND	15	"
Endosulfan sulfate	ND	15	"
Endrin	ND	15	"
Endrin aldehyde	ND	15	"
Heptachlor	ND	5.0	"
Heptachlor epoxide	ND	2.0	"
Methoxychlor	ND	15	"
Mirex	ND	10	"
Toxaphene	ND	20	"

Surrogate: Tetrachloro-meta-xylene

7.74

"

8.33

92.9

46-139

Surrogate: Decachlorobiphenyl

7.93

"

8.33

95.2

52-141

LCS (CR02031-BS1)

Prepared: 03/11/08 Analyzed: 03/12/08

Aldrin	16.7	1.0	µg/kg	16.7	100	47-132
gamma-BHC (Lindane)	16.0	10	"	16.7	96.2	56-133
4,4'-DDT	15.8	15	"	16.7	94.5	46-137
Dieldrin	16.7	1.0	"	16.7	100	44-143
Endrin	17.5	15	"	16.7	105	30-147
Heptachlor	16.3	5.0	"	16.7	97.6	33-148

Surrogate: Tetrachloro-meta-xylene

7.24

"

8.33

86.9

46-139

CALIFORNIA LABORATORY SERVICES

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR02031 - LUFT-DHS GCNV										
LCS (CR02031-BSI)					Prepared: 03/11/08 Analyzed: 03/12/08					
Surrogate: Decachlorobiphenyl	8.42		µg/kg	8.33		101	52-141			
LCS Dup (CR02031-BSI)					Prepared: 03/11/08 Analyzed: 03/12/08					
Aldrin	14.4	1.0	µg/kg	16.7		86.6	47-132	14.6	30	
gamma-BHC (Lindane)	13.6	10	"	16.7		81.8	56-133	16.1	30	
4,4'-DDT	14.4	15	"	16.7		86.6	46-137	8.75	30	
Dieldrin	15.3	1.0	"	16.7		91.8	44-143	8.83	30	
Endrin	16.0	15	"	16.7		95.8	30-147	9.23	30	
Heptachlor	16.3	5.0	"	16.7		97.6	33-148	0.0451	30	
Surrogate: Tetrachloro-meta-xylene	5.82		"	8.33		69.8	46-139			
Surrogate: Decachlorobiphenyl	7.92		"	8.33		95.0	52-141			
Matrix Spike (CR02031-MSI)					Source: CRC0205-01	Prepared: 03/11/08 Analyzed: 03/12/08				
Aldrin	16.3	5.0	µg/kg	16.7	ND	98.0	47-138			
gamma-BHC (Lindane)	17.8	50	"	16.7	ND	107	38-144			
4,4'-DDT	155	75	"	16.7	113	253	41-157			QM-5
Dieldrin	19.5	5.0	"	16.7	ND	117	46-155			
Endrin	14.9	75	"	16.7	ND	89.6	34-149			
Heptachlor	16.5	25	"	16.7	ND	98.9	36-155			
Surrogate: Tetrachloro-meta-xylene	20.4		"	20.8		97.7	46-139			
Surrogate: Decachlorobiphenyl	22.3		"	20.8		107	52-141			
Matrix Spike Dup (CR02031-MSI)					Source: CRC0205-01	Prepared: 03/11/08 Analyzed: 03/12/08				
Aldrin	15.9	5.0	µg/kg	16.7	ND	95.5	47-138	2.63	35	
gamma-BHC (Lindane)	17.4	50	"	16.7	ND	104	38-144	2.29	35	
4,4'-DDT	154	75	"	16.7	113	248	41-157	0.556	35	QM-5
Dieldrin	19.0	5.0	"	16.7	ND	114	46-155	2.82	35	
Endrin	14.2	75	"	16.7	ND	85.2	34-149	4.99	35	
Heptachlor	16.1	25	"	16.7	ND	96.7	36-155	2.29	35	
Surrogate: Tetrachloro-meta-xylene	20.2		"	20.8		97.0	46-139			
Surrogate: Decachlorobiphenyl	22.2		"	20.8		107	52-141			

CA DOHS ELAP Accreditation/Registration Number 1233

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CALIFORNIA LABORATORY SERVICES

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Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Penryn Property
Project Number: 5887.06
Project Manager: Bill Flores

CLS Work Order #: CRC0355
COC #: 72444

Notes and Definitions

- QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- HT-3 Sample was from a previous job and was extracted/analyzed outside the EPA recommended holding time per client's request.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference